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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  
Dated: October 6, 2004      Signature: Matthew D. Fair  
(Matthew D. Fair)

Docket No.: 27581/01745  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Holtman et al.

Application No.: 10/699,086

Art Unit: 3748

Filed: October 31, 2003

Examiner: Thai Ba Trieu

For: Method and Apparatus for Exhaust Gas  
Recirculation Cooling Using a Vortex Tube to  
Cool Recirculated Exhaust Gases

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Amendments to the Drawings** begin on page 6 of this paper. An attached replacement sheet for Fig. 2 is included.

**Remarks/Arguments** begin on page 7 of this paper.

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
27581/01745Application No.  
10/699,086Filing Date  
October 31, 2003Examiner  
Thai Ba TrieuArt Unit  
3748

Applicant(s): Holtman et al.

Invention: Method and Apparatus for Exhaust Gas Recirculation Cooling using a Vortex Tube to Cool Recirculated Exhaust Gases

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	21	- 21 =	0	x 18.00	0.00
Independent Claims	5	- 3 =	2	x 88.00	176.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>176.00</b>

☒ Large Entity☐ Small Entity☐ No additional fee is required for this amendment.☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.☒ A check in the amount of \$ 176.00 to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 13-2855 as described below. **A duplicate copy of this sheet is enclosed.**☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.Matthew D. Fair

Dated: October 6, 2004

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